



NEW HAVEN PUBLIC SCHOOLS

Operations Memorandum

To: New Haven Board of Education Finance and Operations Committee
From: Frank Fanelli, Director of Project Management
Date: June 23, 2023
Re: Award of Contract with CT Custom Aquatics to provide Conte pool repair services

Answer all questions and have a representative ready to present the details of each question during the Finance & Operations meeting or this proposal may not be advanced for consideration by the full Board of Education.

Company Information		
Vendor Name:	CT Custom Aquatics	
Doing Business as: (DBA)		
Vendor Address:	8 Massimo Drive North Haven, CT 06473	
Vendor Contact Name:	Gregory Macmillen	
Vendor Contact Email:	greg@ctcustomaquatics.com	
Is the contractor a minority or women owned small business?	No	
Agreement/Contract Information		
New or Renewal Agreement/Contract?	New	
Effective Dates: (mm/dd/yy) <small>Multi-yr. require Board of Aldermen approval</small>	From July 1, 2023	To June 30, 2024
Total Amount: <small>If Multi-yr. include yr. to yr. breakdown</small>	\$594,000.00	
Funding Source Name: Acct. #:	ARP ESSER III Carryover 2553-6399-56697-0474	
Contract #: <small>(Local or State)</small>	21863	



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Key Questions:

1. What specific service will the contractor provide:

To repair leaks that have been causing water problems and structural concerns in the basement below.

2. How was the contractor selected? **Attach appropriate supporting documents*

- Quotes
- Sealed Bid # 21863
- Sole Source # _____
- RFP# _____
- State Contract # _____
- Exempt Professional
 - Accountant
 - Actuary
 - Appraiser
 - Architect
 - Artist
 - Dentist
 - Engineer
 - Expert Professional Consultant
 - Land Surveyor
 - Lawyer
 - Physician/Medical Doctor

3. If the vendor was selected through Solicitation (Bid/RFQ/RFP) process; answer the following:

a. Please explain how the vendor was chosen? **Attach Vendor Proposal*

Sealed Bid

b. Who were the members of the selection committee? *(Minimum 3 members required)*

N/A – Sealed Bid



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Key Questions: - Continued

4. If this is a renewal with a current vendor, has the vendor has met all obligations under the existing agreement/contract?

N/A

5. If this agreement/contract is a Renewal, has the cost increase? If yes, by how much? *Attach Renewal Letters

N/A

6. If this new agreement/contract, has cost for service increased from previous years? If yes, by how much?

This is a project that has no previous reference on monetary implications due to it not being part of maintenance or general repairs.

7. Is this a service that existing staff could provide? Why or why not?

No, this is a service that is provided by a professional company who specializes in this type of pool repairs.



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Agreement/Contract Processing Checklist

To ensure timely processing of the submitted Agreement/Contract it is imperative to collect and provide all of the required documentation noted below and provide with submission to board.

Forms/Documents are available in: Drive G:\F&O Agenda Minutes\Agreement_Contract_Checklist\2022-2023

1. Has this vendor performed service(s) in prior fiscal years?	
If Yes,	Vendor #48497
If No or New,	Vendor must provide completed W9
2. A quotes or proposal submitting regarding the agreement/contract.	
If RFP	Attach Vendor Submitted
Other	Copy of State Contract, Quotes, etc.
<p>3. <u>Certificates of Liability Insurance (COI) are required for ALL agreements/contracts, read the following and select the applicable Rider.</u></p> <p>It is the submitters responsibility to request the COI from the vendor and attach with submission; the COI from the Vendor <u>must match rider specifications outlined.</u></p> <p>Failure to obtain or incorrect COIs will be returned for revision and will delay its processing.</p>	
Rider 300	Professional Services – Onsite Umbrella; w/ Auto; w/ Workers Compensation
Rider 305	Professional Services – Onsite Umbrella; No Auto; No Workers Compensation
Rider 310	Professional Services – Onsite Umbrella; w/ Auto; No Workers Compensation
Rider 315	Professional Services – Onsite Umbrella; w/ Youth under 21
Rider 320	Professional Services – Offsite; No Auto; No Workers Compensation
Rider 325	Professional Services – Offsite; No Auto; No Workers Compensation; w/ Youth under 21
Rider 330	Professional Services – Offsite Attorney; No Auto; No Workers Compensation
Rider 335	Professional Services – Onsite; Physician/Dentist; No Auto
Rider 340	Professional Services – Onsite Physician/Dentist w/ Youth under 21
Rider 345	Professional Services – Onsite Temp Nurses
Rider 350	Professional Services – Cyber – Onsite
Rider 355	Professional Services – Cyber – Offsite
<p>4. The City of New Haven requires the information requested in the <u>Disclosure Affidavit</u> before any City agency, department, or city official seeking agreement/contract shall obtain them, notarized.</p> <p>Emailed Disclosures are acceptable.</p>	



City of New Haven

Bureau of Purchases

200 Orange Street, Room 301

New Haven, CT 06510

Tel: 203-946-8201 Fax: 203-946-8206

Honorable Justin Elicker
Mayor

Shawn J. Garris
Acting Purchasing Agent

The City of New Haven ("City") is accepting sealed Bids for the following:

INVITATION TO BID

Project Summary

Contract Name:	Pool Repair to Conte School - Rebid									
Solicitation #:	21863			City Project #:			N/A			
Projection Description:	To repair leaks that have been causing water problems and structural concerns in the basement below.									
Department:	BOE Facilities									
Solicitation/Advertise Date:	May 24, 2023									
Intend to Bid Due Date	June 20, 2023									
Bid Due Date:	June 21, 2023					Bid Opening Time:		3:00		PM
Pre-Bid Meeting Date:	N/A					Pre-Bid Meeting Time:				
Pre-Bid Meeting Location:	N/A									
Solicitation Type:	Construction		X	Service		SCD* - Construction			SCD* - Service	
Contract Term:	Construction		(See Specification)		Service		1	year	X	Renewals Option(s) (at the sole discretion of the CONH)
Material Markup Allowed	X	NO		Yes	If Yes enter percent markup on your Statement of Qualifications form					
System for Award Management (Federal Requirement)		YES	X	NO	If marked yes, to bid and get paid you must already have a Unique Entity ID. See Statement of Qualification Form					
Insurance Requirements:	Refer to Rider			100		(This Rider is attached)				
MBE/WBE Utilization Form:	Required if your base Bid Submission is \$150,000 or greater									
Local Preference:	X			YES			NO			
Bid Bond:	Yes					Percentage Amount:		5		%
Labor, Material and Performance Bond:	Yes									
Wage Rates:	Livable Wage \$19.95 FY 23/24		X	Prevailing Wage State			Davis Bacon Federal			

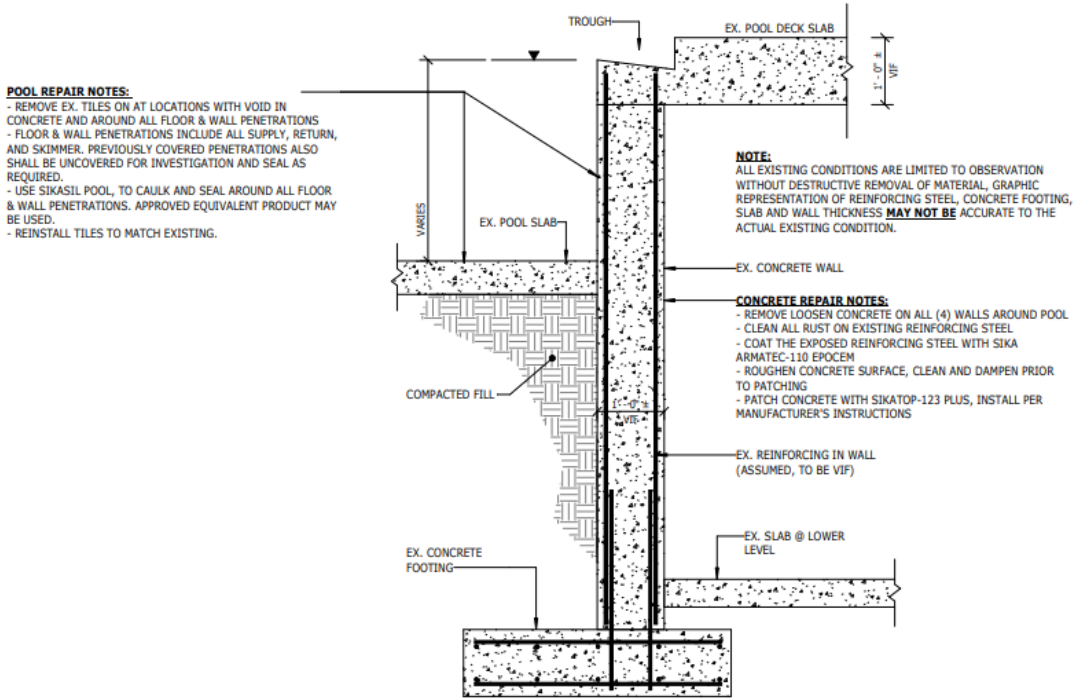
Responses must be submitted in the form and manner specified in this request.

SECTION C – PROJECT SPECIFICS-DETAILED

Repairs to Pool as outlined in attached specs. Patch exterior of pool in basement using proper materials to adhere to existing walls. Please provide a submittal of the product you propose to use. See specification provided by IES.

A new liner will be installed in the interior of the pool as detailed in the specifications below.

CONTE POOL REPAIR SPECIFICATION Exterior of Pool



POOL REPAIR NOTES:

- REMOVE EX. TILES ON AT LOCATIONS WITH VOID IN CONCRETE AND AROUND ALL FLOOR & WALL PENETRATIONS
- FLOOR & WALL PENETRATIONS INCLUDE ALL SUPPLY, RETURN, AND SKIMMER. PREVIOUSLY COVERED PENETRATIONS ALSO SHALL BE UNCOVERED FOR INVESTIGATION AND SEAL AS REQUIRED.
- USE SIKASIL POOL, TO CAULK AND SEAL AROUND ALL FLOOR & WALL PENETRATIONS. APPROVED EQUIVALENT PRODUCT MAY BE USED.
- REINSTALL TILES TO MATCH EXISTING.


NOTE:
ALL EXISTING CONDITIONS ARE LIMITED TO OBSERVATION WITHOUT DESTRUCTIVE REMOVAL OF MATERIAL. GRAPHIC REPRESENTATION OF REINFORCING STEEL, CONCRETE FOOTING, SLAB AND WALL THICKNESS **MAY NOT BE** ACCURATE TO THE ACTUAL EXISTING CONDITION.

CONCRETE REPAIR NOTES:

- REMOVE LOOSEN CONCRETE ON ALL (4) WALLS AROUND POOL
- CLEAN ALL RUST ON EXISTING REINFORCING STEEL
- COAT THE EXPOSED REINFORCING STEEL WITH SIKA ARMATEC-110 EPOCEM
- ROUGHEN CONCRETE SURFACE, CLEAN AND DAMPEN PRIOR TO PATCHING
- PATCH CONCRETE WITH SIKATOP-123 PLUS, INSTALL PER MANUFACTURER'S INSTRUCTIONS

1 EXISTING WALL SECTION (REPAIR DETAIL)
Scale: 3/4" = 1'-0"

#	REVISION	DATE
1.	REVISION #1	10/12/2021

 INNOVATIVE ENGINEERING SERVICES, LLC <small>35 NORTH PLAZA INDUSTRIAL ROAD WALLINGFORD, CT 06492 TEL: 203.667.2270 WEB: WWW.IES-LLC.BIZ</small>	CONTE WEST HILLS MIDDLE SCHOOL - POOL 511 Chapel St. New Haven CT 06511	EXISTING WALL SECTION
	Project number 20176 Date 09/03/2021 Drawn by IES Checked by IES	SKS-1 Scale 3/4" = 1'-0"

On the exterior side of the pool walls, all loosen concrete shall be removed. Rust on exposed reinforcing steel shall be removed with steel wool brush. Upon cleaning the surfaces on exposed reinforcing steel, coat them with Sika Armatec-110 Epocem. Patch all removed concrete area with Sikatop-123 Plus. The concrete surfaces shall be prepared as required prior to patching. Contractor shall also check the concrete wall from this side by sounding with handheld hammer. Remove and replace delaminated concrete as required.

All manufactured products may be replaced with approved equivalent. Contractor shall submit product details for engineer’s review. All manufactured products shall be installed strictly according to manufacturer’s instructions.

CONTE POOL REPAIR SPECIFICATION Interior of Pool

POOL DIMENSIONS

60ft x 49ft

3ft to 5ft

QT 22 scupper drains

Qt 20 return inlets

Qt 6 Rope hooks

Qt 3 18x18 main drain sumps

Gutter:

-15.5" wide

- 8.5" vertical back wall

1. PREPARATION

- Isolate and pressure test all pool piping
 - Scuppers and lines back to balance tank
 - Filtered water return line and inlets
 - Main drain line back to balance tank
- Acid wash and sound pool for hollow spots

2. PIPING REPAIRS

- Repair any piping leaks as needed

3. DEMOLITION

- Remove tile from hollow sections of pool surface
- Prep location for inset 6x6 tile depth marker on vertical wall of gutter (**QT 10**)
- Removal of rope hooks and core vertical gutter lip for new plastic rope hooks (**QT- 6**)
- Saw cut chip and removal of tile and set bed around existing scupper drains approximately 6"x12" section (**QT 22**)
- Saw cut chip and removal of tile and set bed around existing filtered water return inlets approximately 6"x6" section (**QT 20**)
- Saw cut chip and removal of tile and set bed around existing mains drains approximately 3" around entire perimeter section (**QT 3**)
- Prep all penetrations for hydroactive grout injection
- Grind entire gutter surface wrapping 2" on to the deck and 6" down pool wall to create proper profile for new epoxy resin finish

4. ROPE ANCHORS INSTALLATION

- Set new PVC rope anchors in cores with **SIKATOP 123 PLUS**

5. HOLLOW SPOT PATCH

- Clean any exposed rebar and coat with **SIKA ARMATEC- 110 EPOCEM**
- Patch with **SIKATOP 123 PLUS**

6. PENITRATION FITTING REPAIR

- Inject Hydrophilic hydroactive polyurethane grout to seal all fittings and main drains (QT 45)
- Clean any exposed rebar and coat with **SIKA ARMATEC- 110 EPOCEM (QT 45)**
- Patch around fittings with **SIKATOP 123 PLUS**

7. GUTTER FINISHING

GUTTER SURFACE INCLUDES ENTIRE GUTTER 2" ONTO DECK AND 6" DOWN POOL WALL AT ENTIRE POOL PERIMETER

- Apply **SIKA 265 WATERPROOF EPOXY COATING** to entire gutter surface
- Apply **SIKA 216 COVE RESIN** and trowel with mixed color quartz epoxy mortar
- Apply additional coat of **SIKA 216** and broadcast quartz with mixed color flake
- Seal with 2 coats of **SIKA 510 POLYASPARTIC TOP COAT**

8 LINING SYSTEM

- Acid wash pool
- Clean and disinfect pool
- Install new **Ebtol 60 ml PVC membrane**, terminating at start of gutter (NO LINES)
- PVC membrane ladder bumper blocks
- Return fitting termination fitting
- Main drain termination fitting
- All necessary hardware, adhesive, termination strips, anchors
- 60 mil PVC membrane must carry a 15 year warranty

9 VGB COMPLIANCE

- Update main drain covers for VGB compliance

CONTRACTOR QUALIFICATIONS

EVIDENCE OF ALL QUALIFICATIONS MUST BE INCLUDED WITH BID ALONG WITH CUT SHEET OF ALL EQUIPMENT AND REPAIR MATERIALS TO BE UTILIZED ON PROJECT

***** IMPORTANT NOTE:** It is our intention that the successful bidders holding the contract for this repair meets all of the qualifications listed below

- **Successful bidder: must hold in house an SP-1 Plumbing contractor license**
- **Successful bidder: must hold in house an SPB Contractor license**

- **Successful bidder: must be an Authorized Ebtol lining system Dealer**
- **Successful bidder: must have a minimum of 10 years of experience on commercial pool renovation**
- **Successful bidder: must provide a list of no less than 10 similar projects completed in the last 2 years contact names and numbers must also be provided**

******* OWNER HAS THE RIGHT TO REJECT ANY BID AND WAIVE ANY FORMALITIES AS SEEN TO BE IN THE BEST INTEREST OF THE OWNER, THIS WILL INCLUDE BUT IS NOT LIMITED TO, PRICE, EQUIPMENT AND MATERIALS AS SPECIFIED AND QUALIFICATIONS. OWNER ALSO RESERVES THE RIGHT TO NEGOTIATE ANY TERMS AS IT FEELS ARE IN THE BEST INTEREST FOR THE OWNER**

******* DUE TO EALIER FAILED REPAIRS WORK METHODS DESCRIBED, MATERIALS, AND EQUIPMENT LISTED ABOVE WILL BE STRICTLY ENFORCED THROUGHOUT THE ENTIRE PROJECT**

CONTE SCHOOL POOL SUFACE RENOVATION PROJECT INCLUDES: -

- Hollow spot removal and patching
- Prep and install new water line depth marker tiles on gutter face Qt 8
- Remove and replace rope anchors Qt 6
- Prep, seal, and patch all scupper penetrations Qt 22
- Prep seal, and patch all return inlets Qt 20
- Prep, seal, and patch main drains Qt 3
- Prep entire gutter for polyaspartic epoxy coating
- Urethane injection as needed for scuppers and inlets
- Apply polyaspartic epoxy finish to gutter system
- Acid wash pool surface –
- Sanitize pool surface
- Prep and install an Ebtol 60mill PVC membrane to pool floors and walls with termination bar below gutter
- Install termination fittings around filtered water return inlets and main drains –
- Update main drains per the VGB safety act –
- Replace the perimeter piping isolation valve on existing piping to remain
- Qt 1 3” scupper isolation valve
- Qt 2 3” filtered water return trance isolation valves
- Qt 1 4” filtered water trunk isolation valve
- Qt 2 6” main drain isolation valves
- Replace related hardware

SECTION D – Board of Education Location(s)

New Haven School Addresses 2023-2024

School	Addresses
Conte School	511 Chapel Street